

## ABSTRACT

A solid electrolyte of the present invention is represented by a general formula:  $\text{Li}_a\text{P}_b\text{M}_c\text{O}_d\text{N}_e$ , where M is at least one element selected from the group consisting of Si, B, Ge, Al, C, Ga and S, and a, b, c, d and e respectively satisfy a = 0.62 to 4.98, b = 0.01 to 0.99, c = 0.01 to 0.99, d = 1.070 to 3.985, e = 0.01 to 0.50, and  $b+c = 1.0$ . The solid electrolyte hardly deteriorates in a wet atmosphere.